

INDEX

	PAGE
Address of President, Operating Costs, by S. R. LEWIS.....	37
ADDAMS, HOMER, Discussion on Paper, Test of Cast Iron Sectional Boiler.	132
Amendments to Constitution and By-Laws.....	19
Apparatus for Study of Heat Radiation, by J. D. HOFFMAN.....	494
BASS, FREDERICK, The Recirculating of Air in a Schoolroom in Minneapolis	109
Discussion on Paper, Recirculating of Air in a Schoolroom, etc..	123
BARROWS, GEO. S., Some Phases of Room Heating by Means of Gas Burning Appliances	320
Discussion on Paper, Some Phases of Room Heating, etc.....	342
BARRON, H. J., Discussion on Paper, Room Heating by Gas Burning Appliances	341
BALDWIN, WM. J., Discussion on Paper, Heating and Ventilating Large Office Building	272
BLACKMORE, J. J., Can We Locate the Neutral Zone in Heated Buildings?	501
Discussion on Paper, Neutral Zone in Heated Buildings.....	515
BOLTON, R. P., The Problem of City Dust.....	225
The Establishment of a Standard for Transmission Losses from Buildings of all Constructions.....	528
Discussion on Paper, Cinder Removal from Flue Gases.....	244
Discussion on Paper, Development in Heating and Ventilating Buildings	254
BUSEY, F. L., The Centrifugal Fan.....	43
BUSHNELL, S. M., Discussion on Paper, Can We Locate Neutral Zone in Buildings	517
Capacity of Steam Pipes at Different Pressures, by J. S. OTIS.....	347
CARRIER, W. H., Discussion on Papers on Engine Condensation.....	105, 106
Discussion on Paper, Recirculating Air in Schoolroom.....	116
Centrifugal Fan, The, by F. L. BUSEY.....	43
Cast Iron Sectional Downdraft Boiler, Test of, by C. A. FULLER.....	126
Cinder Removal from Flue Gases of Power Plants, by C. B. GRADY....	232

	PAGE
CHEW, F. K., Discussion on Paper, Test of Cast Iron Downdraft Sectional Boiler	131
Discussion on Paper, Data for Designing Furnace Heating Systems	525
Chicago Ventilation Commission, An Experiment in Ventilating a School-room	563
Council Report	16
Committee Report on Minimum Ventilation Requirements for Public and Semi-Public Buildings	20
COLBERT, W. T., Discussion on Paper, Methods Applied to Design of Warm Air Heating	405
COOLEY, M. S., Discussion on Topics	441
Discussion on Paper, Data for Designing Furnace Heating Systems	526
Discussion on Paper, Radiation and Sizes of Steam and Return Mains	549
Discussion on Paper, Standard of Transmission Losses from Buildings	561
Discussion on Paper, Experiment in Ventilating a Schoolroom... ..	574
CROWDER, T. R., The Ventilation of Sleeping Cars Comparative Tests of Various Types of Exhaust Ventilators	274
Crude Oil as Fuel in Low Pressure Heating Systems, by H. S. HALEY....	410
DAVIS, F. K., Discussion on Paper, Recirculating Air in Schoolroom....	117
Discussion on Paper, Heating and Ventilating Conditions in Buildings	271
DAVIS, J. H., Discussion on Paper, Heating and Ventilating Conditions in Buildings	273
DONNELLY, J. A., Discussion on Topics	441, 443
Discussion on Paper, Radiation and Sizes of Steam and Return Mains	550
Discussion on Paper, Standard of Transmission Losses from Buildings	558
Establishment of Standard Methods of Proportioning Direct Radiation and Standard Sizes of Steam and Return Mains	528
DRISCOLL, W. H., Discussion on Paper, Can We Locate Neutral Zone in Heated Building?	512
DUNNELLS, C. G., Tests on Threading Steel and Wrought Iron Pipe	307
Educational Committee Co-operating with the Educational Committee of the National District Heating Association, Report of	438
Efficiency and Welfare Committee, Final Report of Profession's	578
Engine Condensation, by PERRY WEST	70

Experimental Laboratory of the New York State Commission on Ventilation and a Description of the First Year's Work, by D. D. KIMBALL and GEO. T. PALMER.....	135
FELDMAN, A. M., An Experiment with Ozone as an Adjunct to Artificial Ventilation at Mt. Sinai Hospital.....	256
FRANKLIN, M. W., Discussion on Paper, Ozone as an Adjunct to Ventilation	257
Discussion on Paper, Room Heating by Gas Burning Appliances.....	345
FULLER, CHAS. A., Test of a Cast Iron Sectional Downdraft Boiler.....	126
Discussion on Paper, Test of Cast Iron Sectional Boiler.....	130
Furnace Heating Systems, Engineering Data for Designing, by A. C. WILLARD	519
Gas Burning Appliances, Some Phases of Room Heating by Means of, by GEO. S. BARROWS	320
GASKILL, D. L., Address on Work of National District Heating Association	436
GIESECKE, F. E., The Determination of Pipe Sizes for Hot Water Heating Systems	473
GRADY, C. B., Cinder Removal from Flue Gases of Power Plants.....	232
GRAHAM-ROGERS, C. T. and W. T. DOYLE, Ventilation of Industrial Plants.....	301
HALEY, H. S., Crude Oil as Fuel in Low Pressure Heating Systems.....	410
HART, H. M., Address after being elected Vice-President.....	29
Discussion on Paper, Heating and Ventilating Condition in Large Buildings	272
Discussion on Paper, Ventilation of Sleeping Cars.....	305
Heating Value of Exhaust Steam, The, by David Moffat Myers.....	84
HOFFMAN, J. D., Apparatus for Study of Heat Radiation.....	494
Discussion on Paper, Data for Designing Furnace Heating Systems	526
HOGAN, E. L., Development in Heating and Ventilating Industrial Buildings	246
HILL, E. V., Discussion on Paper, Measurement of Air Flow.....	469
Illinois Chapter Report.....	430
Industrial Buildings, Development in Heating and Ventilating, by E. L. HOGAN	246
In Memoriam	592
Installation of Officers.....	27

	PAGE
KENT, WM., Discussion on Papers on Engine Condensation.....	97
Discussion on Paper, Capacity of Steam Pipes at Different Pressures	381
Discussion on Paper, Methods Applied to Design of Warm Air Heating	404
Discussion on Paper, Apparatus for Study of Heat Radiation..	498
KIMBALL, D. D. and G. T. PALMER, Experimental Laboratory of the New York State Commission on Ventilation and a Description of the First Year's Work.....	135
Discussion on Work of Chapters.....	436
Address on Election as President.....	28
Address at Semi-annual Meeting.....	427
Discussion on Paper, Experiment in Ventilating a Schoolroom..	575
LEWIS, S. R., Operating Costs, Address of President.....	37
Discussion on Paper, Recirculating Air in a Schoolroom.....	117
Discussion on Paper, Heating and Ventilating Conditions in Large Buildings	273
LOCKWOOD, E. H., Discussion on Paper, Engine Condensation.....	93
LYND, ROY E., Rational Methods Applied to the Design of Warm Air Heating Systems	389
Discussion on Paper, Design of Warm Air Heating Systems....	405
MAGLOTT, G. F. and C. E. A. WINSLOW, A Study of Heating and Ventilating Conditions in a Large Office Building.....	260
Massachusetts Chapter Report.....	434
Measurement of Air Flow, by A. K. OHMES.....	450
MURPHY, E. T., Discussion on Paper, Can We Locate the Neutral Zone in Heated Buildings.....	517
Discussion on Paper, Experiment in Ventilating a Schoolroom..	573
MYERS, DAVID MOFFAT, The Heating Value of Exhaust Steam.....	84
Discussion on Paper, Heating Value of Exhaust Steam.....	97
New York Chapter Report.....	433
Neutral Zone in Heated Buildings, Can We Locate the, by J. J. BLACKMORE	501
OHMES, ARTHUR K., Measurement of Air Flow.....	450
Discussion on Paper, Recirculating Air in Schoolroom.....	119
Discussion on Paper, Measurement of Air Flow.....	470
Discussion on Paper, Determination of Pipe Sizes for Water Heating....	490
Operating Costs, by S. R. LEWIS, President's Address.....	37
OTIS, J. S., Capacity of Steam Pipes at Different Pressures.....	347
Discussion on Papers on Engine Condensation.....	104
Discussion on Paper, Capacity of Steam Pipes.....	384

Ozone as an Adjunct to Artificial Ventilation at the Mt. Sinai Hospital, An Experiment with, by A. M. FELDMAN.....	256
PALMER, GEO. T., and D. D. KIMBALL, Experimental Laboratory of New York State Commission on Ventilation and a Description of First Year's Work	135
Pipe Sizes for Hot Water Heating Systems, Determination of Sizes of, by F. E. GIESECKE	473
President's Address, Operating Costs, by S. R. LEWIS.....	37
Problem of City Dust, The, by REGINALD P. BOLTON.....	225
Proceedings of Twenty-first Annual Meeting.....	9
Proceedings of Twenty-first Semi-annual Meeting.....	427
QUAY, D. M., Discussion on Paper, Test of Cast Iron Sectional Boiler..	133
Discussion on Paper, Cinder Removal from Flue Gases.....	243
Discussion on Paper, Methods Applied to Warm Air Heating...	404
Rational Methods Applied to the Design of Warm Air Heating Systems, by ROY E. LYND	389
Report of Tellers of Election.....	22
Report of Secretary.....	10
Report of Treasurer	15
Report of Council	16
Report of Committee on Minimum Ventilating Requirements for Public and Semi-Public Buildings.....	20
Report of Illinois Chapter	430
Report of New York Chapter.....	433
Report of Massachusetts Chapter	434
Report of Educational Committee Co-operating with the Educational Committee of the National District Heating Association, W. H. CHENOWETH	438
Report of Committee to Co-operating with National Fire Protection Association, A. M. FELDMAN, Chairman.....	439
Report of the Profession's Efficiency and Welfare Committee, Final....	578
Recirculating of Air in a Schoolroom in Minneapolis, by FREDERICK BASS	109
Resolution of Educational and Publicity Committee.....	446
RIPLEY, C. M., Discussion on Papers on Engine Condensation.....	106
RITTER, ARTHUR, Discussion on Paper, Measurement of Air Flow.....	471
Secretary's Report	10
Sleeping Cars, The Ventilation of, Comparative Tests of Various Types of Exhaust Ventilators, by THOS. R. CROWDER, M. D.....	274

	PAGE
SHEPHARD, J. W., Discussion on Paper, Recirculating of Air in a School-room	118
SPELLER, F. N., Discussion on Paper, Tests on Threading Steel and Iron Pipe	316
Standard Methods of Proportioning Direct Radiation and Standard Sizes of Steam and Return Mains, Establishment of, by J. A. DONNELLY	528
Standard for Transmission Losses from Buildings of all Constructions, The Establishment of, by R. P. BOLTON	552
Studies in Air Cleanliness, by G. C. and M. C. WHIPPLE	221
Study of Heating and Ventilating Conditions in a Large Office Building, by C. E. A. WINSLOW and G. F. MAGLOTT	260
Treasurer's Report	15
TAIT, THOS., Discussion on Paper, Radiation and Size of Steam and Return Mains	544
Test of a Cast Iron Sectional Down Draft Boiler, by C. A. FULLER	126
Threading Steel and Wrought Iron Pipe, Test on, by C. G. DUNNELLS	307
Topics for Discussion	441
Ventilating Requirements for Public and Semi-Public Buildings, Report of Committee on Minimum	20
Ventilation of Industrial Plants, by C. T. GRAHAM-ROGERS and Wm. T. DOYLE	301
Ventilating a Schoolroom, An Experiment in, Chicago Ventilation Commission	563
Warm Air Heating Systems, Rational Methods Applied to the Design of, by ROY E. LYND	389
WEST, PERRY, Engine Condensation	70
Discussion on Paper, Engine Condensation	101, 105, 107, 108
WHIPPLE, G. C. and M. C., Studies in Air Cleanliness	211
WINSLOW, C. E. A., and G. F. MAGLOTT, A Study in Heating and Ventilating Conditions in a Large Office Building	260
WILLARD, A. C., Engineering Data for Designing Furnace Heating Systems	519

